IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Application N		Group Art Unit: Examiner:	N/A N/A						
Date Filed: Title:	DYNAMICALLY DETER	June 23, 2003 Batch No.: N/A DYNAMICALLY DETERMINING A COMMUNITY OF ENTITIES IN A COMMUNICATION SYSTEM							
•	CERT	IFICATE OF MAILING							
	I HEREBY CERTIFY THAT THIS CORRE POSTAL SERVICE AS FIRST CLASS MAIL ASSISTANT COMMISSIONER FOR PATEN	IN AN ENVELOPE ADDRESSEI TS							
	WASHINGTON, D.C. 20231, ON:	June 23, 2003 Date of Deposit							
	Name o	ROLA INC. of Assignee	 23.03						
	SIGNAPURE)	orino 6.	DATE						
	SIGNED ONLY		DATE						
	INFORMATION DI	SCLOSURE STATEM	ENT (IDS)						
Assistant Con Washington,	nmissioner For Patents D.C. 20231								
SIR:									
In ac			§§1.97 and 1.98, the references listed						
	form PTO/SB/08 and/or subsequently States Patent and Trademark Office.	identified herein, are being	submitted herewith for consideration						
of the Omica	States I atom and Tracomark office.								
I. <u>COF</u> a.⊠	A legible copy of (i) each U.S.		ach publication or that portion which portion which caused it to be listed, is						
b. <u></u>	Any patents, publications or ot	sly cited by or submitted	listed on PTO/SB/08 which are no to the PTO in one of the following late under 35 U.S.C. §120:						
	U.S. Serial Number		U.S. Filing Date						
	CONCISE EXPLANATION OF THE RELEVANCE (check at least one box) a. Except as may be indicated below in (b) of this section, all of the patents, publications or other								
b. [_	information are in the English language (concise explanation not required). b. A concise explanation of the relevance of all patents, publications or other information listed is not in the English language is as follows:								
c. [miner's consideration:						
The relat		g co-pending application(s) bringing this (these) appli	contain(s) subject matter that may be ications to the Examiner's attention J.S.C. §122.						
<u>Seria</u>	al No. Filing	<u>Date</u>	Art Unit						

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THIS II	OS IS BEING FILED UNDER 37 C.F.R. §1.97(b): (check one box)
a. 🗌	within three months of the filing date of a national application other than a continued prosecution
. 🗀	application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required.
D	within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required.
c.🛛	before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required.
d. 🗌	before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
THIS II	OS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box)
under 3	the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance 7 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R.
a. 🔲	No statement; therefore, charge Deposit Account 502117 the fee set forth in 37 C.F.R. §1.17(p). See the statement below. No fee is required.
U	See the statement below. No fee is required.
THIS II	OS IS BEING FILED UNDER 37 C.F.R. §1.97(d):
	fore payment of the issue fee and is accompanied by the following:
-	a statement under 37 C.F.R. §1.97(e) as provided below; and
2)	charge Deposit Account 502117 the petition fee set forth in §1.17(p).
STATE	MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable)
	dersigned hereby states that
a.	Office in a counterpart foreign application not more than three months prior to the filing of IDS; or
b. 🗌	no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement
	after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this
. —	statement, or
c. 🗌	some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information
	contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining
	information, the undersigned hereby states that no item of this remaining information contained in
	the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign
	application or, to the knowledge of the person signing the statement after making reasonable
	inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
PAYMI	ENT OF FEES
	A check in the amount of is enclosed for the above-identified fee(s).
K	Please charge Deposit Account 502117 in the amount of \$180.00 for the above-indicated fee(s). If Applicant has overlooked any additional fees, or if any overpayment has been made, the
	Commissioner is hereby authorized to credit or debit Deposit Account 502117 .
\boxtimes	Two Copies of this paper are attached for Deposit Account charges and debits.
	a.

The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in a combination, to a person of ordinary skill in the art.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account 502117.

Respectful	lly	submitt	ed,

Crisler, et al.

Valerie M. Davis

Attorneyfor Applicant(s)

Reg. No. 50,203

Tel. (847) 576-6733

MOTOROLA, INC. Customer Number 22917

Enclosures:

PTO/SB/08

References

Foreign Search Report

Other:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Application No.: Date Filed: Title:	June 23, 2003	Group Art Unit: Examiner: Batch No.: FERMINING A COMMUNITY SYSTEM	N/A N/A N/A ' OF ENTITIES IN A	
	(CERTIFICATE OF MAILING	· · · · · · · · · · · · · · · · · · ·	-
POS ASS	STAL SERVICE AS FIRST CLASS MESSTANT COMMISSIONER FOR PASHINGTON, D.C. 20231, ON:	June 23, 2003 Date of Deposit OTOROLA INC. ame of Assignee		TATES
	INFORMATION	DISCLOSURE STATEM	ENT (IDS)	
Assistant Comm Washington, D.C	issioner For Patents C. 20231			
on attached Form		nd in compliance with 37 C.F.R ently identified herein, are bein ice.		
I. <u>COPIE</u> a.⊠ b.□	A legible copy of (i) each to caused it to be listed; and (ii included herewith. Any patents, publications of enclosed herewith were pre-	J.S. and foreign patents; (ii) e i) all other information or that r other information which are viously cited by or submitted relied upon for an earlier filing	portion which caused it to listed on PTO/SB/08 w to the PTO in one of the	be listed, is hich are not he following
	U.S. Serial Number		U.S. Filing Date	
II. <u>CONC</u> I a. ⊠ b. □ c. □	Except as may be indicated information are in the English A concise explanation of the is not in the English language	RELEVANCE (check at least below in (b) of this section, a h language (concise explanation relevance of all patents, public is as follows:	Il of the patents, publication not required). cations or other information	
The Ex related	to the present application.	O APPLICATION(S) Dowing co-pending application(s By bringing this (these) application of 35 l	lications to the Examiner	
Serial N	<u>lo. </u>	ling Date	Art Unit	

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IV. 🛛	THIS II a. □ b. □ c. ☒ d. □	within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) (37 C.F.R. §1.97(b)(1)). No fee or statement is required. within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. §1.97(b)(2)). No fee or statement is required. before the mailing date of a first Office Action on the merits (37 C.F.R. §1.97(b)(3)). No fee or statement is required. before the mailing date of a first Office Action after the filing of a request for continued examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
V. 🔲	before t	OS IS BEING FILED UNDER 37 C.F.R. §1.97(c): (check one box) the mailing date of any of a Final Office Action under 37 C.F.R. §1.113, a Notice of Allowance 7 C.F.R. §1.311, or an action that otherwise closes prosecution in the application (See 37 C.F.R. 1)). 10 No statement; therefore, charge Deposit Account 502117 the fee set forth in 37 C.F.R. §1.17(p). 11 See the statement below. No fee is required.
VI. 🗌		OS IS BEING FILED UNDER 37 C.F.R. §1.97(d): effore payment of the issue fee and is accompanied by the following: a statement under 37 C.F.R. §1.97(e) as provided below; and charge Deposit Account 502117 the petition fee set forth in §1.17(p).
VII.		MENT UNDER 37 C.F.R. §1.97(e) (check only one box, if applicable) dersigned hereby states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of IDS; or no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and to knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement, or some of the items of information contained in the IDS were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the IDS was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this statement.
VIII.	PAYMI	A check in the amount of is enclosed for the above-identified fee(s). Please charge Deposit Account 502117 in the amount of \$180.00 for the above-indicated fee(s). If Applicant has overlooked any additional fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117. Two Copies of this paper are attached for Deposit Account charges and debits.

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Respectfully submitted,

Crisler, et al.

Valerie M. Davis

Reg. No. 50,203 Tel. (847) 576-6733

Attorneyfor Applicant(s)

MOTOROLA, INC. Customer Number 22917

Enclosures:

PTO/SB/08

References

Foreign Search Report

Other:

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PTO/SR/08A (04-03)

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Substitute for form 1449A/PTO						C	Complete	if Known		
					Application Number			N/A		
	INFORM	ATION DISCLO	DSU	RE		Filing Date			June 23, 2003	
	STATE	MENT BY APPL	ICΔ	NT		First Named I	nventor		Crisler, et al.	
	STATEMENT DI APPLICANT				Group Art Unit		Т	N/A		
(use as ma	(use as many sheets as necessary)			Examiner Name			N/A			
Sheet	1	C	of	1		Attorney Docket Number		T	CM05315G	
				L	J. S. PA	TENT DOCUM	IENTS			
Examiner Initials*	Cite No. 1	Document N Number -Kind Code				ication Date I-DD-YYYY	Name of Patent of Cited D			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Initials*	Cite No. 1	Document Number Number -Kind Code ² (if known)	Publication Date MM-DD-YYYY	Nam	e of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Releva Passages or Relevant Figures Appea
···	1	US 5,539,924	07-23-1996	Grube	, et al.	
		US 5,778,304	07-07-1998	Grube		
		US 2003/0100326 A1	05-29-2003		, et al.	
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Examiner	Date	
Signature	Considered	
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¹ Unique citation designation number. ² See Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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